1. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF SEDIMENT CONTROL AS SET FORTH IN THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, AND LOUDOUN

2. A PRE-CONSTRUCTION MEETINGS WILL BE SCHEDULED BY THE B&D FIELD INSPECTOR PRIOR TO INITIATION OF ANY CONSTRUCTION ACTIVITES. THE SOURCE OF BORROW MATERIAL, DISPOSAL SITE FOR EXCESS MATERIAL AND STAGING AND/OR STOCKPILE LOCATION MUST BE COORDINATED BY THE CONTRACTOR WITH THE INSPECTOR.

3. INITIAL DISTURBANCE WILL BE LIMITED TO THAT NECESSARY TO GAIN ENTRANCE TO THE SITE AND INSTALL NECESSARY SEDIMENT CONTROLS IN ACCORDANCE WITH THE APPROVED

4. ALL PERIMETER SEDIMENT CONTROLS MUST BE STABILIZED IMMEDIATELY. CRITICAL SLOPES MUST BE STABILIZED WITHIN SEVEN CALENDAR DAYS. ALL OTHER DISTURBED AREAS ON THE PROJECT SITE MUST BE STABILIZED WITHIN FOURTEEN DAYS. TEMPORARY SEEDING & MULCHING MUST BE APPLIED TO ANY AREA WITHIN THE SITE NOT CONTINUOUSLY WORKED FOR 14 DAYS AFTER CLEARING & ROUGH GRADING.

5. ALL EXCAVATED MATERIAL SHALL BE PLACED ON THE HIGH SIDE WHENEVER POSSIBLE AND CONFINED TO AN AREA WHERE IT WILL NOT OBSTRUCT THE NORMAL FLOW OF DRAINAGE

6. PUMPING OF SEDIMENT LADEN WATER WILL NOT BE ALLOWED UNLESS IT IS FILTERED BY WAY OF AN APPROVED SEDIMENT TRAPPING DEVICE.

7. THE SITE SUPERINTENDENT IS RESPONSIBLE FOR INSPECTION AND REPAIR OF E&S CONTROLS ON A DAILY BASIS AND WITHIN 24 HRS. OF ANY RAINFALL EVENT.

8. ANY SEDIMENT CONTROL DEVICES DISTURBED DURING UTILITY CONSTRUCTION MUST BE RESTORED BY THE END OF THE DAY.

9. ALL POINTS OF INGRESS AND EGRESS SHALL BE PROTECTED TO MINIMIZE TRACKING OF MUD ONTO PUBLIC WAYS.

10. ANY EARTH, GRAVEL OR OTHER MATERIAL TRACKED, SPILLED OR WASHED ON ADJACENT ROADS MUST BE IMMEDIATELY REMOVED ABD DISPOSED OF PROPERLY, FLUSHING WILL NOT BE ALLOWED UNTIL ALL POSSIBLE MATERIAL HAS BEEN REMOVED BY SHOVELING AND SWEEPING.

11. NO WORK SHALL COMMENCE UNITL A GRADING PERMIT HAS BEEN ISSUED TO THE CONTRACTOR FURTHER MORE, THE PERMITTEE SHALL REQUEST THAT A LOUDOUN CONTY EROSION AND SEDIMENT CONTROL UNSPECTOR INSPECT AND APPROVE THE WORK, COMPLETED AT THE STAGES OF CONSTRUCTION SPECIFIED BELOW, TO ENSURE COMPLIANCE WITH THE APPROVED EROSION AND SEDIMENT CONTROL PLAN, THE GRADING OR BUILDING PERMIT, AND THE VSEC MANUAL:

A. UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, PRIOR TO PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE; AND

B. UPON FINAL STABILIZATION BEFORE REMOVAL OF SEDIMENT CONTROLS.

C. NO CONTROLS SHOULD BE REMOVED WITHOUT PREVIOUS REVIEW OF LOUDOUN COUNTY EROSION AND SEDIMENT CONTROL REPRESENTATIVE.

12. THE OWNER/CONTRACTOR SHALL NOT DEVIATE FROM THE APPROVED EROSION AND SEDIMENT CONTROL PLANS WITHOUT PRIOR APPROVAL FROM LOUDOUN COUNTY SEDIMENT CONTROL REPRESENTATIVE. VARIATIONS TO THE PLAN MUST BE SUBMITTED IN WRITING, ACCOMPANIED BY A COPY OF THE ORIGINALLY APPROVED PLAN MODIFIED TO SHOW THE REQUESTED CHANGES. SUBSTANTIAL CHANGES WILL NECESSITATE AMENDING THE BUILDING AND/OR GRADING PERMIT IF APPLICABLE.

EROSION AND SEDIMENT CONTROL NARRATIVE

1. DESCRIPTION: THE PROJECT CONSISTS OF THE CONSTRUCTION OF A LEACHATE PUMP STATION AND FORCEMAIN.

2. EXISTING SITE CONDITIONS: THE SITE IS AN EXISTING SOLID WASTE MANAGEMENT FACILITY.

ADJACENT PROPERTY INFORMATION: THE ADJACENT PROPERTIES ARE ZONED AR-1. THE PROPOSED PUMP STATION AND FORCEMAIN WILL BE LOCATED WITHIN AN AREA OF EXISTING IMPERVIOUSNESS. THERE IS NO ADDITIONAL AREA PROPOSED WITH THIS PROJECT, AND AS A RESULT NO INCREASE IN SITE RUNOFF.

4. OFF-SITE PROPERTIES: ACCESS TO THE SITE IS LIMITED TO THE EXISTING SITE ACCESS ROADS (ASPHALT). THERE SHALL BE NO STOCKPILING OF MATERIAL OUTSIDE THE LIMITS OF CLEARING AND GRADING.

5. SOIL INFORMATION: THE PUMP STATION IS LOCATED WITHIN THE CONTROLLED FILLS PLACED WITH ORIGINAL CONSTRUCTION OF THE LANDFILL LEACHATE TANKS.

6. CRITICAL EROSION AREAS: NONE IDENTIFIED.

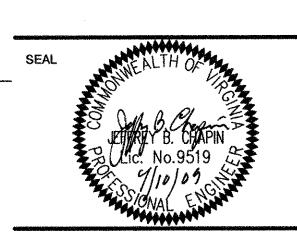
7. PROPOSED EROSION CONTROL MEASURES: SILT FENCE, INLET PROTECTION AND DIVERSION DIKES AS SHOWN ON PLANS.

8. SEQUENCE OF CONSTRUCTION: PERIMETER CONTROLS WILL BE INSTALLED WITH THE FIRST PHASE OF EROSION AND SEDIMENT CONTROL AND SHALL CONSIST OF SILT FENCE AND INLET PROTECTION.

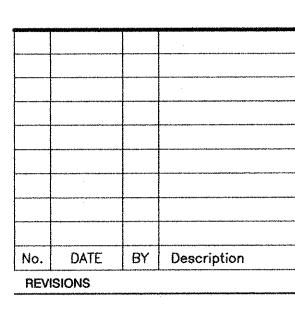
Dewberry

Dewberry & Davis LLC 8401 ARLINGTON BLVD. FAIRFAX, VA 22031 PHONE: 703.849.0100 FAX: 703.849.0118

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DRAWN BY APPROVED B **CHECKED BY** 4/7/09 DATE

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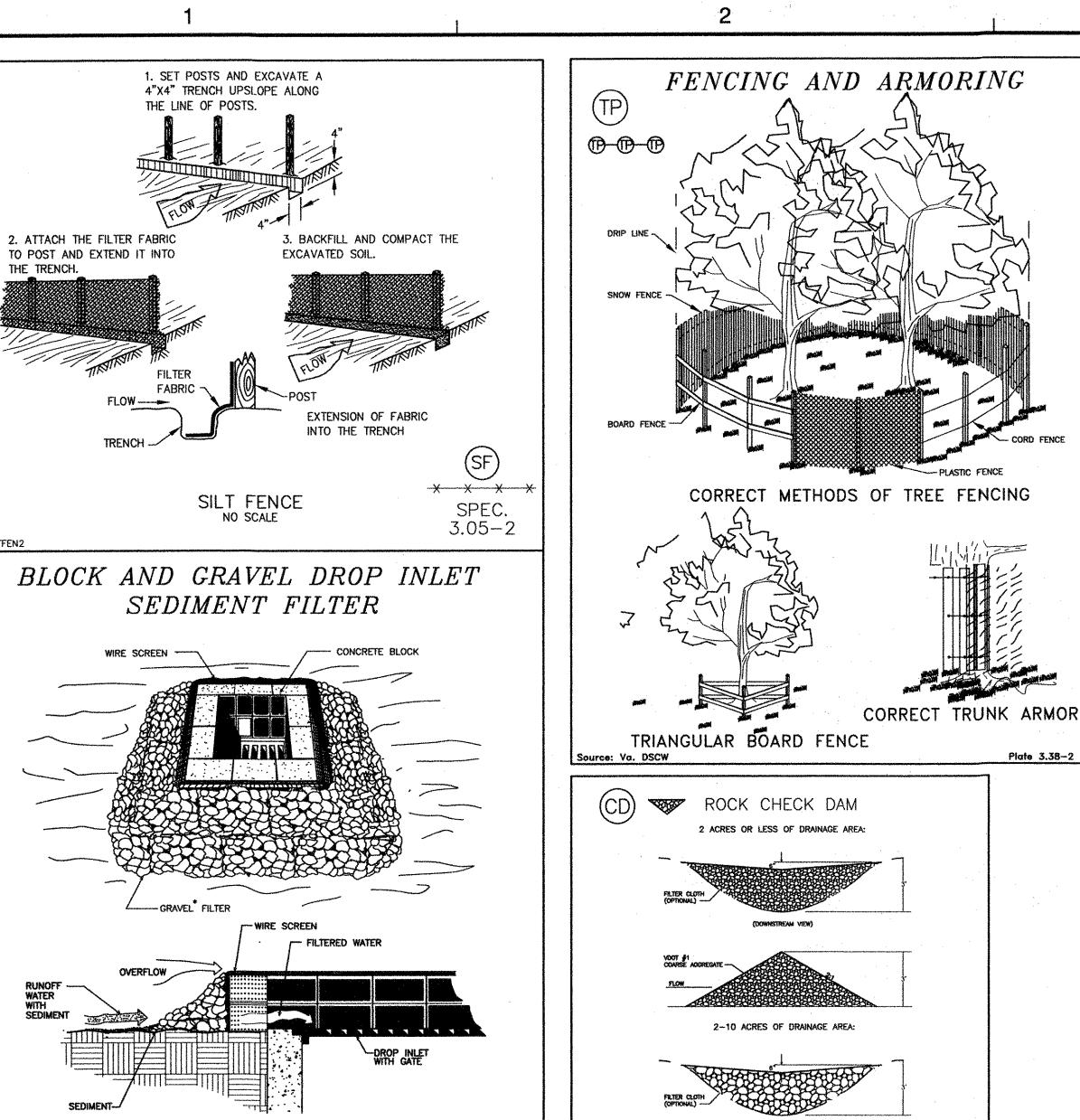
SEDIMENT & **EROSION** NOTES & **DETAILS**

PROJECT NO. 50006147

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SHEET NO.



SPECIFIC APPLICATION

TEMPORARY DIVERSION DIKE

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY FLOWS ARE EXPECTED AND WHERE AN OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING

• GRAVEL SHALL BE VDOT #3, #357 OR #5 COARSE AGGREGATE.

AROUND THE STRUCTURE.

SOURCE: VA. DSWC

TEMPORARY STONE 3.02-1 FILTER CLOTH (OPTIONAL) SIDE ELEVATION EXISTING GROUND 70' MIN. - WASHRACK (OPTIONAL)

-POSITIVE DRAINAGE

TRAPPING DEVICE

TO SEDIMENT

PLAN VIEW

SECTION A-A

SECTION B-B

12' MIN.

VDOT #1 -

FILTER CLOTH

REINFORCED CONCRETE .

OPERATION

COURSE AGGREGATE

MUST EXTEND FULL WIDTH

OF INGRESS AND EGRESS

-MOUNTABLE BERM **PAVEMENT**

TEMPORARY 3.11-1 RIGHT-OF-WAY DIVERSIONS VDOT #1 COARSE AGGREGATE TYPICAL GRAVEL STRUCTURE COMPACTED SOIL

TYPICAL EARTHEN STRUCTURE

VEGETATIVE RESTORATION NARRATIVE

THIS WORK SHALL APPLY TO ALL DISTURBED AREAS.

THE SEED MIXTURE SHALL BE DEVELOPED BY THE CONTRACTOR BASED ON THE FOLLOWING

STRUCTURE SEEDING MIX TO PROVIDE IMMEDIATE COVERAGE BUT ALLOW PLANT

COOL SEASON GRASSES FOR EARLY GROWTH; WARM SEASON GRASSES FOR SUMMER AND FALL GROWTH.

SITE PREPARATION SHALL INCLUDE REMOVAL AND STOCKPILE OF EXISTING TOPSOIL LAYER TO PRESERVE THE EXISTING NATURAL SEED BANK. TOPSOIL SHALL BE RESTORED TO PRECONSTRUCTION CONTOURS.

SITE SPECIFIC SEEDING MIXTURES

MINIMUM CARE LAWN MIXTURE TOTAL LBS PER ACRE 175-200 LBS RESIDENTIAL KENTUCKY 31 OR TURB-TYPE TALL FESCUE 90-100% IMPROVED PERENNIAL RYEGRASS 0-5%KENTUCKY BLUEGRASS 0-5% GENERAL SLOPE KENTUCKY 31 FESCUE 108 LBS RED TOP GRASS 2 LBS SEASONAL NURSE CROP* 20 LBS 150 LBS

NOTE: TALL FESCUE IS NOT TO BE USED FOR SEEDING IN THE VDOT RIGHT-OF-WAY. IMPROVED PERENNIAL RYEGRASS TO BE SUBSTITUTED FOR TALL FESCUE.

*USE SEASONAL NURSE CROP IN ACCORDANCE WITH SEEDING DATES AS STATED BELOW:

ANNUAL RYE

FOXTAIL MILLET

ANNUAL RYE

WINTER RYE

FEBRUARY 16TH THROUGH APRIL MAY 1ST THROUGH AUGUST 15TH AUGUST 16TH THROUGH OCTOBER NOVEMBER THROUGH FEBRUARY 15TH

FINAL SPECIFICATION OF REVEGETATION SHALL BE PERFORMED BY THE CONTRACTOR BASED ON TIME OF YEAR (SEASON) AND SITE CONDITIONS (SITE INSPECTION) AT SUCH TIME AS THE REVEGETATION IS TO OCCUR.